

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Priority Application Serial No.
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4 Inventor Liu et al.
5 Priority Group Art Unit
6 Priority Examiner
7 Attorney's Docket No. MS1-1639
8 Title: **SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR**
9 **PARSING PACKETIZED, MULTI-PROGRAM TRANSPORT STREAM**

10 **PRELIMINARY AMENDMENT**

11 To: Commissioner of Patents and Trademarks,
12 Washington, D.C. 20231

13 From: Jed W. Caven(Tel. 509-324-9256; Fax 509-323-8979)
14 **Customer No. : 22801**

15 **In the Claims:**

16 Please add the following claims:

17 33. (New) An apparatus, comprising:

18 a demultiplexer filter implemented as a software object in a filter graph that
19 receives portions of a packetized, multi-program transport stream including
20 program specific information about data in the packetized, multi-program transport
21 stream; and

22 a parser filter implemented as a software object in a filter graph that
23 extracts, from the program specific information, at least one program identifier
24 associated with data in the packetized, multi-program transport stream,

25 wherein the parser filter provides at least one program identifier to an
 external application.

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2 34. (New) The apparatus of claim 33, wherein the parser filter supports
3 an API for retrieving program specific information from the transport stream.
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5 35. (New) The apparatus of claim 33, wherein the transport stream is an
6 MPEG-2 transport stream and the parser filter comprises logic instructions for
7 retrieving a PAT from the transport stream and using information in the PAT to
8 retrieve one or more PMTs from the transport stream.
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10 36. (New) The apparatus of claim 33, wherein the external application
11 comprises a user interface for displaying portions of the extracted program
12 information.
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14 37. (New) The apparatus of claim 33, wherein the external application
15 generates a signal for configuring a demultiplexer based on the program specific
16 information.
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